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Report of



FOREST AND WINDBARRIER PLANTING IN THE UNITED STATES 1960

Compiled from information furnished by the State Foresters and other appropriate public officials of each state and federal agency concerned.



U.S. DEPARTMENT OF AGRICULTURE FOREST SERVICE WASHINGTON 25, D.C.



1960

REPORT OF FOREST AND WINDBARRIER PLANTING IN THE UNITED STATES

(July 1, 1959 - June 30, 1960)

Acres Planted--Fiscal Year 1960 and Previous Years

Tree planting during the fiscal year 1960 (July 1, 1959 - June 30, 1960) as reported by various public agencies, principally the State Foresters, was as follows:

	Acres
Forest plantings Windbarrier plantings	2,102,094 * 35,366
Total	2,137,460**

Tree planting continued at a high level but failed to show an increase over the previous year for the first time in 9 years. The 2,137,460 acres planted is more than double the acreage planted in 1956. Forest plantings show a decrease of 16,377 acres while windbarrier plantings show an increase of 2,094 acres for a net decrease of 14,283 acres or two-thirds of one percent. Tree planting on land withdrawn from agricultural production through Conservation Reserve Soil Bank contracts again is responsible for a large part of the acreage planted in 1960 in excess of that planted in 1956.

Comparable figures for several of the past years are as follows:

Year	Acres
1960	2,137,460
1959	2,151,743
1958	1,568,708
1957	1,170,990
1956	915,428
1955	812,588
1954	811,066
1953	715,548
1952	522,935
1951	456,368
1950	497,507
1940	519,051
1930	138,970

^{*}Includes 164,523 acres planted by direct seeding.

^{**}This does not represent the area satisfactorily reforested or established to windbarriers, for some of the plantings or seedlings are unsuccessful.

The total amount of planting in each State is shown by class of owners and purpose in Table 5 of this report. More than 50,000 acres were planted in 1960 in each of the following 13 States:

	Acres
Georgia Florida Louisiana South Carolina Alabama Mississippi Oregon North Carolina Arkansas Washington Texas Michigan Wisconsin	330,196 198,963 190,751 187,700 186,148 171,105 120,597 72,916 72,607 68,874 68,596 53,953 52,104
	national total

Comparison of the 1960 with the 1959 figures shows changes in planting activity by the three broad ownership classes as follows:

The Federal Government planted 173,486 acres of forest and 1,007 acres of windbarriers in 1960 on lands administered by its various agencies; a total of 174,493 acres. This is 5,326 acres or 3 percent more than in 1959. (Federal windbarrier planting decreased 550 acres.)

The States and other non-Federal public agencies planted 91,216 acres of forest and 115 acres of windbarriers; a total of 91,331 acres. This is 24,473 acres or 37 percent more than in 1959. This increase is due largely to a substantial increase in planting on State forest land in Michigan and Oregon. (Windbarrier plantings on State lands increased 47 acres.)

Private landowners planted 1,837,392 acres of forest and 34,244 acres of windbarriers, a total of 1,871,636 acres. This is 44,082 acres or 2.3 percent less than in 1959. (Private windbarrier plantings increased 2,597 acres.)

A further analysis of the above figures shows that forest planting on forest industry and other industry land increased substantially, whereas forest planting on privately-owned land in smaller holdings decreased a total of 169,255 acres, or 12.2 percent.

Eighty-seven percent of all forest planting is on privately-owned lands. The 17 States with forest plantings of over 20,000 acres on privately-owned land are listed below. This listing also includes the 14 States with more than 10,000 acres of planting on industry-owned land. It should be noted that more than 50 percent of private land forest planting in three of these 17 States is on industry-owned land. These States are Oregon with 88.5%, Washington with 75.9%, and Louisiana with 61.8%.

Planting on Privately-Owned Land

	Industry owned	Other privately owned	Total
Georgia Florida Alabama Louisiana South Carolina Mississippi North Carolina Arkansas Texas Oregon Tennessee Washington Wisconsin New York Virginia Pennsylvania Michigan	91,203 72,218 58,218 111,623 24,021 45,287 22,363 15,037 30,138 41,112 13,435 33,867 4,649 806 11,429 18,680 1,096	233,897 117,510 123,823 68,922 151,345 115,283 47,513 50,715 35,529 5,362 31,769 10,740 39,470 35,896 22,823 20,602 20,378	325,100 189,728 182,041 180,545 175,366 160,570 69,876 65,752 65,667 46,474 45,204 44,607 44,119 36,702 34,252 39,282 21,474
Total	595,182	1,131,577	1,726,759

One-third of the private forest planting in 1960 was on land owned by industrial organizations compared to one-quarter in 1959. In 1960 forest industries planted 520,150 acres, 103,044 acres more than in 1959; and other industries planted 96,529 acres, 19,532 more than in 1959.

Windbarrier Planting

Windbarrier planting was reported from 29 States and Puerto Rico. It amounted to 35,366 acres, classed as follows:

	Acres
Federal land Other public land Private land	1,007 115 34,244
Total	35,366

Private land windbarrier planting increased 2,597 acres in 1960. The public agencies planted 503 acres less than in 1959. The overall result is an increase of 6.3 percent from the previous year.

The need for windbarriers exists mostly on private lands. The States in which farmers and ranchers planted 500 or more acres of windbarrier in 1960 are:

	Acres			
North Dakota South Dakota Nebraska Montana Colorado Kansas Minnesota Texas Indiana California	12,174 7,722 5,360 1,726 1,338 1,323 801 623 578 544			
Private land windbarrier planting in 10 States with over 500 acres	32,189	acres		91%
Private land windbarrier planting in 16 States and Puerto Rico	2,340	acres	***	6%
Public land windbarrier planting	1,122	acres		3%

Availability of Planting Stock

All public and private nurseries together shipped 1,918,746,000 trees in 1960 - 8 percent less than in 1959.

Forest tree nursery activities for 1960 are summarized as follows:

	Nurserie shipped in 19	trees		uantity nipped
Federal: Forest Service Tennessee Valley Authority	13	15	137,140,000 40,558,000	177,698,000
State: State Forester or equivalent	108	108	1,359,306,000	1,359,306,000
Other Public: Soil Conservation Districts County and Municipal	11 <u>4</u>	15	13,262,000 558,000	13,820,000
Industry: Paper companies Lumber and land companies	25 9	34	215,826,000 42,984,000	258,810,000
Commercial: Private companies	80	80	109,112,000	109,112,000
Total		252		1,918,746,000
Total - 1959		243		2,080,122,000

For additional details see Table 6 of this report and also "Forest Tree Nurseries in the United States - 1960," published by the U. S. Department of Agriculture, Forest Service, Washington, D. C.

In 1960, the 15 Federal nurseries shipped 177,698,000 trees in comparison with 169,473,000 in 1959. Most of the Forest Service nursery trees were planted on national forest lands. Nursery stock from the Tennessee Valley Authority nurseries was used on private lands through established programs.

The <u>State nurseries</u> shipped 1,359,306,000 plants in 1960. Most of the stock from these nurseries was produced under the Federal-State cooperative tree distribution program (C-M 4) or the Conservation Reserve of the Soil Bank for planting on private lands. The 10 States with the largest shipments were:

	Trees
Georgia South Carolina Alabama	234,409,000 147,146,000 140,810,000
Florida Louisiana	127,661,000 106,597,000
Mississippi	100,556,000
North Carolina Arkansas	83,057,000 65,902,000
New York	43,035,000
Tennessee	38,112,000

These 10 States shipped 57 percent of the Nation's entire supply.

Forty-three States and Puerto Rico shipped 1,359,306,000 trees from 108 nurseries in 1960. In 1959, 104 nurseries shipped 1,536,694,000 plants. This net increase of four nurseries resulted from adding seven new ones (Colorado, Georgia, Louisiana, Maine, Michigan, South Carolina, and South Dakota), subtracting one closed nursery (Michigan), and two with no shipments in 1960 (Georgia and Rhode Island). Not included in this figure of 108 shippers are four that shipped no trees in 1960 and four game food and cover plant nurseries.

Forty-eight States and Puerto Rico conducted tree distribution programs in 1960. Five of these purchased all of the trees they distributed from commercial, other State, or Federal nurseries. Arizona and Alaska are the only two States that did not distribute trees in 1960.

The total output of the 11 <u>Soil Conservation District nurseries</u> was 13,262,000 trees as against 13,571,000 for the 11 nurseries in 1959. The stock from these nurseries all goes to District cooperators for planting on private lands.

There are now 4 county and municipal nurseries. They produced 558,000 trees in 1960 as against 572,000 from five nurseries in 1959. Their entire output is planted on public lands.

Most seedlings from <u>forest industry</u> and <u>land company nurseries</u> go to plant company lands, although some stock is distributed to other private

landowners through various company programs. There continues to be 34 such nurseries with an output of 258,810,000 trees as against an output of 244,384,000 trees in 1959. Three companies closed one nursery each, three new nurseries shipped trees for the first time in 1960, and one additional company nursery expects to ship its first crop in 1961.

Commercial nurseries reporting in 1960 numbered 80 and their total output was 109,112,000 plants, which is 5 percent less than in 1959. No commercial production of forest or windbarrier planting stock is reported from 28 States and Puerto Rico.

Of the 80 commercial nurseries that reported, 17 are in Pennsylvania and 25 are in Michigan. Their production runs heavily to Christmas tree planting stock. Sixteen commercial nurseries reported from Colorado, Iowa, Kansas, Nebraska, and the two Dakotas. They produce mainly windbarrier species in addition to much ornamental stock not reported herein. A large share of their production is sold to the States for distribution under the Federal-State cooperative tree planting program. The other 22 commercial nurseries are located in 14 States distributed from coast to coast, primarily in the North.

Direct Seeding

The reported acreage of direct sowing of tree seeds increased substantially in 1960. Twenty-seven States and Puerto Rico reported from 1 to 62,765 acres. The amount of such-work is detailed in footnotes to Tables 1, 2, and 3 of this report and is summarized below:

	Acres
Federal lands State forests Other public lands Private, other than industry Industry lands	27,260 12,134 195 2,273 122,661
Total reported 1960	164,523
Total reported 1959	108,766
Total reported 1955	4,679

The following 9 States direct seeded more than 2,000 acres each:

	Acres
Louisiana	62,765
Oregon	50,242
Washington	23,944
A1abama	5,705
California	3,971
Florida	3,878
Mississippi	3,799
Texas	2,753
Arkansas	2,213

159,270 -- 97% of total



ACRES OF FOREST PLANTING ON FEDERAL LAND

(EXCLUSIVE OF WINDBARRIER PLANTING)

July 1,1959 - June 30,1960

		NATIONAL FORESTS	STS	U.S. DEPA	U.S. DEPARTMENT OF THE INTERIOR AND INDIAN RESERVATIONS	INTERIOR	0	OTHER FEDERAL			TOTAL - TABLE	_	
SIALE	Current Year	Previous Years 1/	Total	Current Year	Previous Years 1/	Total	Current	Previous Years 1/	Total	Current Year	Previous Years	Total	STATE
Alabama	2,885	55,032	57,917	29	2,272	2,301	1,052	21,830	22,882	3,966	79,134	83,100	Alabama
Alaska	889	830	1,719	0	0	0	0	0	0	886	830	1,719	Alaska
Arizona	191	6,973	7,134	0	35	35	0 6	0 2 2	0 700	101	7,000	7,169	Arizona
Arkansas	6,619	20, 268	26,887	0 .	313	313	07	0/746	2, 490	0,000	12,05/	22,430	Arkansas Coltécanio
Colorado	14,088	70. 538	71.941	80	1.252	1.332	00	2 5	2 5	1,483	71,795	73,278	Colorado
Consider to the	000	00000		3	200	0	0	0	0	0	0	0	Connecticut
Delaware	0 0		0	0	7,	, 1,	0	10	10	0	- 15	- 51	Delaware
Florida	4.970	41.976	976.97	3.2	847	80	1,102	7, 299	8,401	6,104	49,323	55,427	Florida
Georgia	3,320	28, 241	31,561	0	573	573	1,031	4,215	5,246	4,351	33,029	37,380	Georgia
Hawaii	0	0	0	0	0	0	0	0	0	0	0	0	Hawaii
Idaho	4, 124	111,928	116,052	0	131	131	0	0	0	4,124	112,059	116,183	Idaho
Illinois	383	45,014	45,397	17	6,517	6,521	15	88	103	402	51,619	52,021	Illifnois
Indiana	998	20,745	21,611	0	0	0	5	5,250	5,255	871	25,995	26,866	Indiana
Iowa	20	047	09	0	142	142	91	1,942	1,958	30	421.24	7,150	Iowa
Kansas	0	00	100	0 ;	0	0	- i	32	35	200	261 2	132	Kansas
Kentucky	283	001,100	1303	07	3, 109	3,229	270	1,020	000,000	10 121	199 146	125 505	Contestons.
Louistana	1848	20,496	130,407	0 0	0 0	۰ د	077	502	2, (02	0	48	84	Maine
Tal De	0 0	6	5	0 0	7 4	v 1	0 0			0	4	4	Maryland
Maryland	0 0		0 0	0 0	6 4	0.4	0 0	200	500	0	506	506	Massachusetts
Michigan	6 593	570 394	576. 987	000	481	781	0	20	50	6,593	570,925	577,518	Michigan
A DOG O	5,173	150.312	155.485	700	8.337	8.737	0	2	2	5,573	158,651	164,224	Minnesota
Mississippi	8,406	172,378	180,784	61	898	929	0	8,329	8,329	8,467	181,575	190,042	Mississippi
Missouri	2,343	73,911	76,254	0	61	19	66	1617	685	2,438	74,466	76,904	Missouri
Montana	2,850	48,820	51,670	5	236	241	0	115	115	2,855	49,171	52,026	Montana
Nebraska	20	30,045	30,065	0	519	519	0	596	596	20	31,160	31,180	Nebraska
Nevada	56	402	431	0	0	0	0 \	0 %	- a	67.	704	108	Nevada New Homeshie
New Hampshire	œ «	1,162	1,170	0 0	0 0	0 0	٥٥	77	610	<u>†</u> C	1,104	610	New nampsnire
New Jersey	P	0 7	0 7	0 0	0 0	۰ د	0 0	000	5	77.	6.345	6.419	New Mexico
New Mexico	ţ	0,343	/ 1+ 40	0 4	7 02	7 8	100	4. 297	4.397	104	4,376	4,480	New York
New TOPK	1 072	17 50	10 1.61		1 107	1 204	425	1 035	1.460	2.301	19.826	22,127	North Carolina
North Sarolina	/00.1	067	1964	n c	16.	007,	0	0	0	0	196	967	North Dakota
Ohio	1.029	15.889	16.918	0	0	0	443	996	1,009	1,072	16,855	17,927	Ohfo
0k1ahoma	85	5,751	5,836	0	0	0	0	305	305	85	950'9	6,141	Oklahoma
Oregon	35,653	172,686	208,339	21,352	94,209	115,561	0	0	0	57,005	266, 895	323,900	Oregon
Pennsylvania	369	18, 272	18,641	0 0	21	21	29	294	323	270	10,50/	10, 705	Pennsylvania
Khode Island	302	10 700	20 414	150	7 736	7 886	9.504	640.25	66,553	10,359	764,494	94.852	South Carolina
South Dakota	1.514	36,481	37,995	0	10	10	0	34	34	1,514	36,525	38,039	South Dakota
Tennessee	109	6,728	7,329	21	195	216	1,550	37,779	39,329	2,172	44,702	46,874	Tennessee
Texas	1,151	51,938	53,089	0	0	0	1,011	8,057	890,6	2,162	59,995	62,157	Texas
Utah	£ :	4,0/5	4,169	0 0	0 0	0 0	0 0	0 0	0 0	1 4	1,000	1,100	Contract
Vermont	13	907	1,419	m	0	~ :	0 0	1 221	1 513	21.7	994	7 15/1	Virginia
Virginia	13 004	169 049	182 143	0 0	2 9/10	5 900	0	2,624	2,624	13.094	177,613	190,707	Washington
West Virginia	278	16,222	16,500	0	0	0	-	19	62	279	16,283	16,562	West Virginia
Wisconsin	1,786	227,963	229, 749	106	3,182	3,288	0	328	328	1,892	231,473	233,365	Wisconsin
Wyoming	268		8,348	0	1,586	1,596	٦			0/7	3,000	7,344	
TOTAL - 50 STATES	134,257	2,437,272	2,571,529	22,647	140,146	162,793	16,582	174,263	190,845	173,486	2,751,681	2,925,167	TOTAL - 50 STATES
Puerto Rico	0	.0	0	0	0	0	0	0	0	0	0	0	Puerto Rico
GRAND TOTAL	134,257	2,437,272	2,571,529	22,647	140,146	162,793	16,582	174,263	190,845	173,486	2,751,681	2,925,167	GRAND TOTAL

1/ The plantings previously reported for Land Use Project Areas are now reported in the catagory representing the present status of the land.

Table Ia — Direct Seeding included above

	[e]		000	330			16				21	208	2		
	Total			,								40,708			
Interior	Previous	.0	000	330			16				21	31,286	7		
Department of the Interior	Current	nd Wildlif		0			0			nagement	0	9,422	0		
Departm	State	Sport Fisheries and Wildlife	4 7 1 1 1 1	acorg1a		Indian Affairs	California		-	bureau of Land Managemen	California	Oregon	Wyoming		
	Total		235	15,979	4/8	126	± !	/7	13,164	726	362		111,442		
	Previous Years		105	15,939	306	45	7 0	70	11,183	462	962		93,604		
	Current Year		130	040	209	ŧ,	0 1	-	1,981	564	0		17,838		
	State		South Carolina	South Dakota	ennessee	Texas	Utah	Virginia	Washington	Wisconsin	Wyoming		Total		
	Total		1,378	3, 290	8,191	10,285	2,682	20	847	2,130	252	274	105	12,176	80
	Previous Years		1,214	3,070	4,905	10,283	2,612	20	847	2,130	179	274	20	8,517	80
	Current Year		164	220	3,286	7	70	0	0	0	73	0	85	3,659	0
Forests	State		Michigan	Minnesota	Mississippi	Missouri	Montana	Nevada	New Hampshire	New Mexico	North Carolina	0h1o	0k1ahoma	Oregon	Pennsylvania
National Forests	Total		1,200	1,739	206	2,979	9,100	3,517	4,264	1,219	1,831	1,780	154	9	9,672
_	Previous		9/9	820	206	299	8,587	3,440	2,854	858	1,816	1,780	451	4	8,411
	Current Year		524	889	0	2,213	513	77	1,410	361	15	0	0	2	1,261
	State	Forest Service	Alabama	Alaska	Arizona	Arkansas	California	Colorado	Florida	Georgia	Idaho	Illinots	Indiana	Kentucky	Louisiana

ACRES OF FOREST PLANTING ON NON-FEDERAL PUBLIC LAND

(EXCLUSIVE OF WINDBARRIER PLANTING)

uly 1, 1959 - June 30, 1960

					July	July 1, 1959 -	- June 30,1960	096					
			ST	STATE AGENCIES			HLO	OTHER PUBLIC AGENCIES	VCIES		TOTA! TAB! E	0	
STATE		STATE FOREST LAND	LANO		OTHER STATE LA	LANO	TOWN, BOR	BOROUGH, COUNTY, AND PUBLIC SCHOOLS	ANO		1	4	STATE
	Current Year	Previous Years 1/	Total	Current Year	Previous Years 1/	Total	Current Year	Previous Years 1/	Total	Current Year	Previous Years	Total	
Alabama	00 (1,078	1,086	7.1	2,397	2,968	62	1,519	1,581	141	464,6	5,635	Alabama
Arizona	00	00	00	00	0 0	00	00	0 0	00	00	00	00	Arizona
Arkansas	200	5,412	5,612	000	179	179	16	656	672	216	6,247	6,463	Arkansas
Colorado	0	0	0	000	24.5	781	3/	155	155	0	160	1,782	Colorado
Connecticut	36	10,966	10,996	12	136	677	947	3,722	3,768	3888	15,353	15,441	Connecticut
Florida	2,727	35, 229	37,956	252	7,095	7,347	152	1,894	2,046	3,131	44,218	47,349	Florida
Hawaii	108	36,978	37,086	169	5,021	5,411	200	167	5,244	277	37,330	37,607	ueorgia Hawaii
Illinois	99	4,923	4,989	275	6,138	6,413	356	4,834	5,190	697	15,895	16,592	Illinois
Iowa	125	2,441	2,566	85	5,549	6,634	04	391	431	250	8,381	8,631	Iowa
Kentucky	32	8,547	8.579	151	4,000	4,000	0 66	. 0	586	282	4,000	4,000	Kansas Kentucky
Louisiana	0 0	5,353	5,353	75	445	520	0 1	6,107	6,107	75	11,905	11,980	Louisiana
Maryland	523	5,478	6,001	108	797	905	185	3,329	3,514	816	9,604	10,420	Maryland
Massachusetts Michigan	25,035	32,808	32,872	649	12,946	12,955	158	17,315	17,369	127	63,069	63,196	Massachusetts
Minnesota	5,135	61,482	66,617	1,246	24,310	25,556	3,165	20,492	23,657	9,546	106,284	115,830	Minnesota
Missouri	123	5,093	5,216	154	1,571	1,725	000,1	65	4, 274	277	6,729	7,006	Missouri
Montana Nebraska	158	147	305	40	36	676	0 9	870	876	162	183	345	Montana
Nevada	0	0	0	0	17	17	0	0	0	0	17	17	Nevada
New Jersey	6.7	8,159	11,293	8 4	239	247	26	1,630	1,571	31	13,028	13,137	New Hampshire
New Mexico	0 640	0 017	0 717	0 0	0 10	0,00	0 0 0 0 0	0 8/14	08 376	3 408	0 630 608	0 0	New Mexico
North Carolina	343	5,919	6,262	172	9,904	10,076	224	3,551	3,775	739	19,374	20,113	North Carolina
Ohio	266	20, 291	20,557	845	8,409	9.25	609	18,128	18,737	1,720	46,828	48,548	North Dakota Ohio
Oklahoma Oregon	16.241	118.358	134, 599	530	767	817	327	206	216	17.098	973	1,033	0klahoma Oregon
Pennsylvania Rhoda Teland	546	69,453	666,69	102	14,182	14,284	293	14,362	14,655	176	97,997	98,938	Pennsylvania Phode Island
South Carolina	1,169	19,859	21,028	140	16,825	17,265	359	2,636	2,995	1,968	39,320	41,288	South Carolina
Tennessee	1,235	44,633	436	221	2,098	2,319	200	774	974	1,435	47,260	48,695	Tennessee
Texas	33	655	889	108	663	177	00	2,126	2,126	171	3,444	3,585	Texas
Vermont	50	3,372	3,422	9 6	385	391	116	4, 283	4,399	172	8,040	8,212	Vermont
Washington	10, 703	72,399	83,102	0	334	334	0	6,874	6,874	10,703	79,607	90,310	Washington
West Virginia Wisconsin	968	63,945	1,843	901	1,675	1,681	5,094	675	790	6,093	4,193 232,579	4,314	Wisconsin
TOTAL - 50 STATES	48 484	1 44.2 96.8	1 512 653	187 5	000 301	0 000	13 765	73 000	437 714	91 133	2 062 717	2 153 850	TOTAL - 50 STATES
	18	22,048	22,129	0	3,574	3,574	2	479	184	83	26,101	26,184	00
GRAND TOTAL	69,765	1,465,016	1,534,781	7,684	199,374	207,058	13,767	424,428	438,195	91,216	2,088,818	2,180,034	GRAND TOTAL
1/ The plantings previously reported for Land reported in the category representing the p	usly reporte	d for Land Us inting the pre	Use Project Areas are now present status of the land	eas are now of the land.	Table 2	a - Direct	Seeding in	included abave	ie				
California		28	29	0 0	59	<u> </u>	00	00	po		93	\$=	California
Kentucky	- 0	0	- 0	> 0	00	00	2 0	00	2 0	- 2	00	2	Kentucky
Louistana Mississippi	20	0 0	20	75	00	75	0 %	00	0 82	38	00	38	Louisiana Mississippi
Missouri Nebraska	E 0	00	m C	000	000	000	0	00	0 -	e -	00	w -	Missouri
North Carolina	0	0 0	0 0) W	00		. 0 0	0 0	0 0	5 17 2	0 0 0	5 202 77	North Carolina
Puerto Rico	0 0	161	161	000	000	000	000	000	0 0	0 0	161	161	Puerto Rico
Virginia Washington	1,940	7,161	9,101	» m o	000	o m o	(00	0 109	0 109	1,940	7,270	9,210	Virginia Washington
West Virginia	0	-	-	0	2	2	-	0	-	-	e	7	West Virginia
Total Oirect Seeding	12,134	62,068	74,202	83	67	150	112	1,432	1,54	12,329	63,567	75,896	Total Oirect Seeding

ACRES OF FOREST PLANTING ON PRIVATELY OWNED LAND (EXCLUSIVE OF WINDBARRIER PLANTING) July 1, 1959 - June 30, 1960

					2	July 1, 1959 -	- June 30,1960	096					
	PERSONS,	, CLUBS, ASSOCIATIONS PRIVATE SCHOOLS	IATIONS		FOREST INDUSTRY	TRY	O (Mining, RR,	Water & Power	Companies)		TOTAL - TABLE	3	STATE
SIAIR	Current	Pre	Total	Current	Previous	Total	Current	Previous Years	Total	Current Year	Previous	Total	
Alabama	123,823	427,815	551,638	56,315	216,736	273,051	1,903	22,933	24,836	182,041	484 (299	849,525	Al obama Al aska
Arizona Arkansas California	50,715	237 145,808 16,195	237 196, 523 18, 679	13,350	114,611	127,961 34,153	1,687	5,067	6,754	65,752	265,486 46,502	331,238 53,387	Artzona Arkansas California
Colorado	1,216	22,346	23,562	00	00	00	147	8,730	8,777	1,263	31,076	32,339	Connecticut
0elaware Florida	117,510	3,975	751,047	310	448,696	532 506, 114	008,41	93,975	108,775	189,728	1,176,208	5,005	Oelaware Florida
Georgia Mawait Idaho	233,897	892,702 7,434 3,425	7,499	88,873 146 1,411	416,578 290 828	505, 451 436 2, 239	2,330 10 3	54,111 54,111	20, 482 54,121 47	221 221 1,857	61,835	62,056 62,056 6,154	ueorgia Hawaii Idaho
Illinois Indiana	5,133 2,324	67,085	72,218	0 74 75	729	77.1	1,474	21,713	22,226	3,840	88,798	94,444	Illindiana
Kansas	170	25, 345	25,515	e 0 5	235	265	0 0 0	396	396 0 11 576	170	25,345	25,515	Iowa Kansas Kentucky
Louislana	68,922	282,892	351,814	66,480	485,075	551,555	45,143	91,825	136,968	180,545	859,792	1,040,337	Louisiana
Maryland	4,642	42,524	47,166	971	4,649	5,620	202	1,573	1,775	5,815	38,454	39,021	Maryland Massachusetts
Michigan	20,378	343,829	364, 207	296	3,372	3,668	800	20,454	21,254	21,474	367,655	389,129	Michigan
Mississippi	115,283	562,645	677,928	41,374	178,816	220,190	3,913	11,713	15,626	160,570	753, 174	913,744	Mississippi
Montana	327	964	1,291	212	1,429	1,641	300	04,543	1.543	549	2,433	2,982	Montana Nebraska
Nevada New Mampshire	1,931	30,031	31,962	12	2,941	2,953	00	1,152	1,152	1,943	34,124	36,067	Nevada New Hampshire
New Jersey New Mexico	625	27, 731	28,356	0 0	112	112	12	7,180	7,192	637	35,023	35,660	New Jersey New Mexico
New York North Carolina	35,896	524, 605	560,501	350	119,680	140,091	1,952	24,049	20,323	36,702 69,876	556,645	434,358	North Carolina
North Dakota Ohio	6,381	2,054	2,064	0 45 1	2,207	2,361	7,274	95,851	63,125	13,809	2,054	2,064	North Dakota Ohio
Oklahoma Oregon	3,756	42,220 34,614	45,976	700	148,915	9,500	298	130	130	4,456	51,150 185,133	55,606 231,607	Oklahoma Oregon
Pennsylvania Rhode Island	20,602	340,130	360,732	12,189	64,983	77,172	6,491	133, 568	140,059	39, 282	22,528	22,717	Rhode Island
South Carolina South Dakota	151,345	397,549	15,979	20,427	151,836	172, 263	3,594	20,993	24,587	60 60	15,921	15,981	South Dakota
Texas	35,529	197,117	232,646	30,138	126,520	156,658	000	2,257	2,257	65,667	325,894	391,561	Texas
Vermont	6,850	39,842	46,692	82	7,030	4,112	v 85 5	2,142	2,160	6,950	46,014	52,964	Vermont Virginia
Washington	10,740	26,128	36,868	33,867	171,152	205,019	679	105	105	4,607	197,385	241,992	Washington
West Virginia Wisconsin Wyomino	4,175 39,470 0	303, 200	48,368 342,670 23	348 4,329	647 52,067	995 56,396	320	2,429 1,522 0	2,317 1,842 0	4,119	356, 789	400,908	Wisconsin Wyoming
TOTAL - 50 STATES	1,218,721	6,693,289	7,912,010	520,150	2,954,421	3,474,571	96,529	682,458	778,987	1,835,400	10,330,168	12,165,568	TOTAL - 50 STATES
Puerto Rico	1,992	959'59	67,648	0	0	0	0 3	616	616	1,992	66, 272	68, 264	Puerto Rico
SKAND TOTAL	1,220,713	6,758,945	7,979,658	520,150		_			500 (511	7/26/2626	an forcefor		
					Table 3a	- Direct Se	Seeding included	ded above					
Alabame California	949	543	1,189	4,519	12,752	17,271	\$ 0 c	500	800	3,457	13,362	189543 3,733	Alabama California Orlaware
Delaware Florida	00	- 0	- 0	2,468	0 6/1/	3,247	000	000	00	2,468	977	3,247	Florida Idaho
Idaho Kentucky	92	412	504	1,250	00	1,250	21 42,218	127 26,681	148	61,429	539	652	Kentucky Louisiana
Louisiana Mississippi	109	712	1,027	18,896 366	1,080	1,446	00	140	†I 0	475	1,099	1,574	Mississippi Missouri
Montana North Carolina	2 0 8	100	22.3 0 2.1	30.0	980	900	0 00 0	000	200	850	0 0 0 0 0 0 0 0 0 0 0 0	71	Montana North Carolina Obio
Ohio Oklahoma	125	140	140	185	00	195	120	200	320	310	90 90 91 91 96	094,88	0klahoma Oregon
Dregon Puerto Rico South Carolina	220	0100	360	26,654	61,126	87,780	00	00	000	225	0000	225	South Carolina
Texas Virginia	0 0 [000	2,669	250	2,919	0 40		0 % 0	20,023	71,238	91, 261	Virginia Washington
washington West Virginia		66	138	13	71,238	90,684	0 77 770	27.092	69.522	52	138	342,610	West Virginia Total Direct Seeding
Total Olrect Seeding	2,273	2,299	4,572	80, 231	188, 285	268, 516							

ACRES OF WINDBARRIER PLANTING ON ALL OWNERSHIP OF LAND Table 4

(EXCLUSIVE OF FOREST PLANTING) July 1, 1959 - June 30, 1960

		FEOERAL			PUBLIC (NON-FEDERAL)	RAL)		PRIVATELY OWNED	E0		TOTAL	- TABLE 4		
STATE	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current	Previous Years	Total	Current	Previous	Total	Acres in a Mile	STATE
Alabama	0	78	78	0	0	0	0	O	0	o	78	78	0 77	Alahama
Alaska	0	0 !	0 .	0	0	0	0	0	0	0	0	0	0	Alaska
Arkansas	697	///*/	0,040	0 0	> c	-	7	937	446	276	8,714	8,990	4.0	Arizona
California	, =	336	347	0	0	0	0 -	0 -00	0 0 1	ם נ	0 (0 :	0 -	Arkansas
Colorado	80	79	87	33	0	33	338	24, 598	96,446	1 270	0,240	6, 795	10.04	California
Connecticut	0	0	0	0	0	0	077	0 0	22.230	0 0	//0.47	950,02	0.0	Colorado
Delaware	0	78	78	0	0	0	0	0	0	0	78	2 64	000	Oelever.
Florida	0	508	508	0	0	0	0	0	0	0	508	508	7	Florida
Georgia	0 0	788	788	0 +	0 \	0 1	0	0	0	0	28	28	0.4	Georgia
Hawaii	-	<u>ء</u> د	<u>- د</u>	- 0	٥٥	_	101	1,415	1,516	102	1,421	1,523	2.9	Hawaii
10ano		2,7	25				295	8,140	8,435	295	8,192	8,487	4.2	Idaho
Traditions	0 0	7 5	† 5	0 0	-	> 0	0	2,600	2,600	0	2,604	2,604	0	Illinois
0 10	۰ د	<u> </u>	13	o c	o c	> <	578	14,178	14,756	578	14, 269	14,847	0.4	Indiana
Kansas		65	99	0	0 0	, ,	1 333	28,084	28,094	12	28,095	28,107	0.4	Iowa
Kentucky	. 0	0	0	0	0	0	1,323	//0,112	212,400	1,324	211,142	212,466	10.3	Kansas
Louisiana	0	0	0	0	0	0		0		70	7		4.0	Kentucky
Maine	0	0	0	0	0	0	0	0	0 0	> <	0 0	0 0	0 0	Maine
Maryland	0	0.	0.	0	12	12	26	96	122	26	108	134	2.5	Mark Jane
Massachusetts	0 (J .	4.	0	0	0_	0	. 0	0	0	4	. 4	0	Massachusetts
Michigan	0			0	0	0	137	7,350	7,487	137	7,351	7,488	9.1	Michigan
Minnesota	> 0	6/	60	0 0	0 0	0 (108	15,992	16,793	801	16,071	16,872	2.4	Minnesota
Missouri	0 0	981	281	۰ د	0 0	۰ د	0	0 :	0	0	6	σ.	0.4	Mississippi
Montana	o 0	757	7777	4 7	۳ د	1 1	20	2,034	2,054	22	2,222	2,244	3.0	Missouri
Nebraska	14	1,091	1,095	0	0	0	1,726	215 503	220 962	1,739	16,567	18,306	ω o	Montana
Nevada	0	3,789	3,789	6	31	042	43	663	706	5,204	10,094 L LR3	121,350	2000	Nebraska
New Hampshire	0	0	0	0	0	0	y O	0	30	7 0	,	000	, c	New Hampebire
New Jersey	0 0	10	0 9	0	0	0	0	0	0	0	10	01	0	New Jersev
New Mexico	330	5,389	5,719	0 (0 (0	27	3,421	3,448	357	8,810	9,167	4.0	New Mexico
New TOPK	- 0	07	67	0	0	0	0	0	0	-	28	29	0	New York
North Datota	0 0	2 8 57	2 803	> C	2110	310	0	0	0	0	122	122	0.4	North Carolina
Dakora	60	2,034	2,033	0 0		- 0	12,174	130,053	142,227	12,213	133,218	145,431	4.1	North Oakota
Oklahoma	0 0	220	220	۰ د	205	202	52	2,371	2,423	52	2,381	2,433	3.6	Ohio
Oregon	0	72	72	4 0	007	70	175	59,038	59, 213	177	59,463	59,640	4.0	0k1ahoma
Pennsylvania	0	64	647	0	0	0	07	2	29	07		131	2.0	Oregon
Rhode Island	0		. –	0	0	0	o c	o c	0 0	000	4 -	40	0 0	Pennsylvania
South Carolina	7	0	7	0	0	0	0	0	0) h	- c	- 1-	- c	South Carolina
South Oakota	291	2, 732	3,023	15	4,273	4,288	7,722	117,034	124,756	8.028	124.039	132.067	10.2	South Oakota
lennessee	0	7.	54	0	0	0	0	0	0	0	54	54	0.4	Tennessee
lexas	~ €	424	427	0 9	20.0	w. 5	623	28,924	29,547	626	29,353	29,979	0	Texas
Vermont	२०	70	70	o C	2	τ ς	08	2,530	2,610	911	3,080	3,196	0.4	Utah
Virginia	0	25	775	0 0	0 0	o c	0 0	0.	0 :	0 (0 !	0 !	0	Vermont
Washington	0	37	37	0	0	0	720	9 276	141	0 70	195	195	0.0	Virginia
West Virginia	- (. 2	m	0	0	0	0	0	0		2,2,2	33	0	West Virginia
WISCONSID	٥.	5 - 1	5-1	0 :	0	0	0	7,600	7,600	0	7,615	7,615	. 0.4	Wisconsin
wyour ng	-	/39	740	43	439	482	684	10,452	10,941	533	11,630	12,163	0.1	Wyoming
TOTAL - 50 STATES	1,007	28,017	29,024	115	5,333	5,448	34.146	1.025.651	1.059.797	35 268	1 059 001	1 096 269		TOTAL CO CTATES
Puerto Rico	0	0	0	0	0	0	00	O F O	1		0=0	100		2000
GRAND TOTAL	1.007	28.017	79 037	115	5 333	2 778	8 1	6/0	//6	200	8/8	716	2.4	Puerto Rico
			120104	-	0000	2	34,244	1,026,530	1,060,774	35,366	1,059,880	1,095,246		GRAND TOTAL

SUMMARY OF TREE PLANTING

July 1, 1959 - June 30, 1960

		GRANO TOTAL STATE FOREST AND WINDBARRIER	Current Previous Total		78 186,148 752,190 938,338 Alabama 0 889 830 1.719 Alaska	437 15,959 16,396	72,607 297,590 370,197	6,795 21,925 137,529 159,454 California	1,351 46,429 47,780	5,173 5,966	198,963 1,2/0,25/ 1,469,220	100,586	6,282 125,536	-	1,513 80,039	17,433 89,668 107,101 K	1,184,913		694 102,033 102,727	53,953 1,309,074 1,	432,607	10,204 118,308 128,512	73,659	81 4,927 5,008	50,402	17,248 17,679	1,100,745 1,141,160	145,431 12,223 136,239 148,462 North Dakota	16,653 253,599 270,252	120,597 576,832	695,935	694,192 881,892	132,067 9,828 179,014 188,842 South Oakota	418,686 487,282	7 138 1,927	35,136 216,281 251,467	67,747		2,135,287 16,203,567 18,338,854	977 2,173 93,252 95,425 Puerto Rico	
	WINOBARRIER PLANTING	TABLE 4 ALL OWNERS	Current Previous Year Years	l	0 0	276 8,714		1 370 6,240	-	0	2008	102 1,421		578 14,269			0	32			801 16,071				0 0	357 8,810	1 28	12,213 133,218	52 2,381	20 111	64	7	8,028 124,039	626 29,353			470 9,313	533 11.630	<u> -</u>	86 879	
1,1535 cuite 50,1500		TABLE 3 PRIVATE ACRES	Previous Years Total		0 0 0 0	237	52 265,486 331,238	46,502	31,076	-	1,327.432	61,835	88.798	40 79,976 83,816	41,439	74,601	859, 792 1,	050,02	38,454	367,655	753,174	34,891		25	34,124	2,093	556,645	2,054		185,133	538,681	570,378	04 389 131 434 335	325,894	10 01		47,269	356, 789	00 10,330,168 12,165,568	32 66,272 68,264	
é inc	FOREST PLANTING	E 2 NON-FEOERAL) ACRES	Previous Current Year Total Year		5,494 5,635 182,041 0 0 0	0		1,626 1,762 6,889 160 160 9	15,441 1,2	832	4,216 47,349 189,726 8,547 19,292 325,100		-	30,111		9,737		10.420	63,196	388,892	106,284 115,830 17,304 6,266 8,334 160,570	7,006	183 345 549 1.646 1.652 1.120	17	13,028 13,137 1,943	0.0	543,304	0	48,548	1,033		41,288	2,529 2,755 60 47,260 48,695 45,204	3,585	8 217	8,972 9,392 34,252	4,314		2,062,717 2,153,850 1,835,400	26,101 26,184 1,992	
		TABLE 2 OTHER PUBLIC (NON-FEOERAL	Current Prey Year Yea							38			+	413		282	_	_		+	2,068				109		2			17,098 124		_		141	_	10 703	-	6,093 233	91,133 2,06	83 26	
			Total	L				97,510	L	_	37,380	_	+		2,160	_	132,596			-			52,026				4				18,985			\vdash			+	233,365	1 %	0	
		TABLE 1 FEOERAL ACRES	rent Previous ar Years	:	3,966 79,134			,349 83,161	-		6,104 49,323 4,351 33,029		-	871 25,995		578 5,540	10,131 122,465	0 0	_	-	_	_	2,855 49,171				+	7,201 0	1,072 16,855	57,005 266,895	398 18,587			2,162 59,995		514 6,640	-	1,892 231,473 278 9,666	173,486 2,751,681	0	
		STATE	Current	-	Alabama 3,			California 14,	cut					na	Iowa	<y< td=""><td>ana</td><td>Maryland</td><td>setts</td><td></td><td>Minnesota 5,</td><td></td><td>Montana 2,</td><td></td><td>New Hampshire</td><td></td><td>+</td><td>Oakota</td><td></td><td>Oregon 57,</td><td>Ivania</td><td>Ja L</td><td>South Dakota 1,</td><td></td><td>Vermont</td><td></td><td>West Virginia</td><td></td><td>0 STATES</td><td>Puerto Rico</td><td></td></y<>	ana	Maryland	setts		Minnesota 5,		Montana 2,		New Hampshire		+	Oakota		Oregon 57,	Ivania	Ja L	South Dakota 1,		Vermont		West Virginia		0 STATES	Puerto Rico	

THE QUANTITY OF FOREST AND WINDBARRIER STOCK AVAILABLE Table 6

July 1, 1959 - June 30, 1960

	QUANTITIES DIS	PART DISTRIBUTEO BY THE S	STATE WITHIN THAT	STATE
STATE	CLARKE-McNARY PROGRAM	CONSERVATION RES. PROGRAM	ALL DISTRIBUTION 1/	AVERAGE PRICE CHARGEO
	Thousands of trees	Thousands of trees	Thousands of trees	0ollars
АТарата	93,284	59,601	153,305	4.00
Alaska	0 0	0 0	00	0 0
Arkansas	42.902	23.066	65.968	00.4
California	2,360		3,935	10.26
Connecticut	1.493	128	1.792	14.80
Delaware	1,072	0	1,072	0
Florida	80,503	25,638	107,190	4.00
Hawaii	67/1	146,495	512	0.0
Idaho	889	73	761	15.67
Illinois	6,343	446	6,829	12.24
Iowa	1,107	358	1,465	20.90
Kansas	519	343	862	60.51
Kentucky	15,813	801	16,614	8.00
Maine	74,93/	31,550	106,597	10.00
Maryland	4,919	1,080	5,999	0
Massachusetts	631	63	769	22.82
Michigan	31,498	0	31,498	11.46
Mississinni	14, 982	20,170	2/,152	00.01
Missouri	2,936	1,755	5,806	5.89
Montana	1,183	42	1,272	15.04
Nebraska	1,804	238	2,042	47.02
Nevada New Hampshire	1.080	97.5	2 052	35.57
	618	64	999	16.07
	45		45	45.00
	72,126	18,184	40,310	2.00
North Carolina North Dakota	40,308	30,231	72,037	4.10 25.68
0hio	13,825	0	16,222	9.55
0klahoma	3,754	1,480	4,316	5.07
Pennsylvania	11.620		13 846	6 00
Rhode Island	382	•	382	15.00
South Carolina	53,042	111,504	165,246	3.01
South Oakota	1,777	762	2,539	30.16
Techo	20 022	2002	25 053	4.00
Utah	106	2,743	123	53.33
Vermont	1,989	4,233	6,222	9.03
Virginia	31,842	0 0	31,842	4.31
West Virginia	6,201	382	11,533	10.23
Wisconsin	22,914	16.472	39, 386	13.42
Wyoming	881		192	00.4
TOTAL - 50 STATES	843,389	522,830	1,394,498	5.24
Puerto Rico	1,210	0	1,246	0
GRAND TOTAL	844, 599	522.830	1.395.744	C 2h

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	s stock distributed by 'the State for work not covered in Federal-State	
	stock	
	Also includes stock dis-	
	Also	

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	STATE			Alabama	Alaska	Arizona	California	Colorado	Connecticut	Florida	Georgía	Hawaii	Illinois	Indiana	Iowa	Kentucky	Louisfana	Maine	Macachicette	Michigan	Minnesota	Mississippi	Montana	Nebraska	Nevada	New Jorden	New Mexico	New York	North Carolina	Ohio	Oklahoma	Pennsylvania	Rhode Island	South Oakota	Tennessee	Texas	Vergont	Virginia	Washington	West Virginia	Wyoming	TOTAL - 50 STATES	Part Part Part Part Part Part Part Part	GRANO TOTAL	
		TOTAL	Thousands of trees	170,629	0 0	0 27	11,249	1,202	2,115	222,101	311,370	512	8.003	10,872	1,102	2,0/3	151,202	2,665	6,149	83,018	30,402	150,784	4,893	7,491	0 700	1,274	0	44,367	93,057	16,645	19 270	41,175	0 021	6,321	68,381	045,09	5 341	36,896	34, 251	5,100	0,41	1,917,500	1 246	1,918,746	
	COMMERCIAL	NURSERIES	Thousands of trees	0	0 (00	190	09	00	-	21,000	00	0	0	237	2,0/3	0	09	o c	33,633	138	0 0	774	3,885	0 1	130	0	1,332	0 0	188	0 2	25,927	00	5,820	225	5,000	> c	0	190	0 17	1,100	109,112	c	109,112	
PART 68	THE VARIOUS CL	NURSERIES	Thousands of trees	12,341	0 (000	26	0	0 0	047,46	55,961	00	0	0	0 (597	12,519	0 0	00	1,400	1,258	5,338	120	0	0 0		0	0	10,000	0 0	00	0	0 000	007,	496,0	20,690	0 0	12,200	9,220	0 78.5 17	0,000	258,810	c	258,810	
PAR	QUANTITIES PRODUCED BY THE VARIOUS CLASSES OF NURSERIES OTHER PUBLIC INDUSTRY COMMERCIAL	NURSERIES	Thousands of trees	0	5 (> c	135	0	0 0	0	0	00	0	0	0 0	00	0	0 (00	6,477	0	00	00	0	00	0 0	0	0	0 22 9	0	00	0	00	0	0	00	0 0	0	0	0 0	0	13,820	c	13,820	
	(NURSERIES	Thousands of trees	140,810	D (0 65 903	3,939	373	2,115	127.661	234,409	512	8.003	7,233	865	13.392	106,597	2,605	641.0	20,426	26, 202	100,556	1,225	0	040	1,144	0	43,035	83,057	16,457	4,590	15,248	0 2/11	501	38,112	34,850	5 341	24,696	11,543	5,100	0,77	1,358,060	1 246	1,359,306	
	FEOERAL	NURSERIES	Thousands of trees	17,478	D (0 0	6,959	769	00	0 0	0	00	0	3,639	0 (0	32,086	0 (0 0	21,082	2,804	068,444	2.774	3,606	00	0 0	0	0	00	0	0 2	0	00	00	23,080	00	- c	0	13,298	00	0	177,698	c	177,698	